# PHP, MYSQL & APACHE

# COURSE OUTLINE

1. Why use PHP, MySQL & Apache?

2. Where do I get them from?

3. Installation & configuration

4. Apache
   - Starting and stopping
   - Monitoring Apache

5. PHP
   - PHP & HTML
   - PHP syntax
   - Operators
   - Flow control
   - Functions
   - Arrays
   - Linking to a database
   - User input
   - Session management
   - Security and authentication
   - Cookies
   - File manipulation

6. MySQL
   - MySQL tools
   - Database components
   - Database design
   - SQL language
   - Querying a table
   - Select statement
   - Table joins
   - Command-line and GUI components
   - Backups
   - Types of table

## Duration

Covering the above topics would take around 4 - 5 days, depending on the audience's previous experience of programming and databases.

## Practical work

There is a strong emphasis on practical work. Each topic is introduced using lectures and demonstrations, followed by the learner undertaking exercises under the tutor's guidance.

Informal tests are also used to reinforce what has been learned.